

AMENDMENTS TO THE SPECIFICATION:

Please replace paragraph 3 of page 22 with the following amended paragraph:

To form an electrode, the active material of the present invention may be combined with a polymeric binder (e.g. polyvinylidene difluoride (PVdF) and hexafluoropropylene (HFP)) in order to form a cohesive mixture. The mixture ~~[[this]]~~ is then placed in electrical communication with a current collector which, in turn, provides electrical communication between the electrode and an external load. The mixture may be formed or laminated onto the current collector, or an electrode film may be formed from the mixture wherein the current collector is embedded in the film. Suitable current collectors include reticulated or foiled metals (e.g. aluminum, copper and the like). An electrically conductive diluent or agent (e.g. a carbon such as carbon black and the like) may be added to the mixture so as to increase the electrical conductivity of the electrode. In one embodiment, the electrode material is pressed onto or about the current collector, thus eliminating the need for the polymeric binder. In one embodiment, the electrode contains 5 to 30% by weight electrically conductive agent, 3 to 20% by weight binder, and the remainder being the electrode active material.

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